

E.C.H.O.

Empowering Conversational Hub
& Outreach

Conversational tool with
real-time voice translator
that helps improve your
communication skills



ECHO

Empowering Conversational Hub & Outreach

ABOUT the Creator

- *11th Grade, IBDP*
- *Mumbai, India*
- *Passion for coding and dance*
- *Determined, self-motivated*



ECHO

Empowering Conversational Hub & Outreach

How do you want to practice today?

TRANSLATION

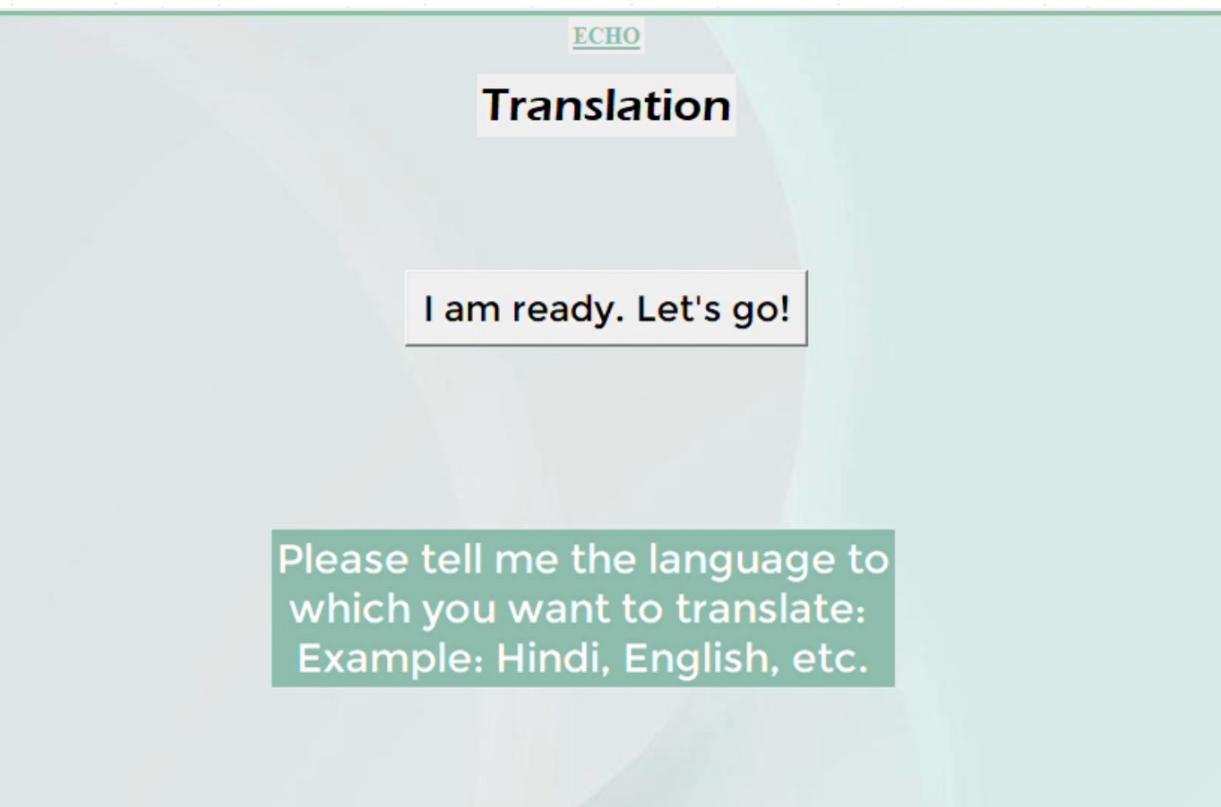
CONVERSATION

Get to know a bit
about your



- Choose to **Translate** or **Converse**
- ECHO Translator will give you **real-time voice-based knowledge!**
- ECHO Converser will ask you questions and help **improve your grammar** each time you respond!

How do I Use it?



Note:

- Only certain languages are available. Please cooperate if ECHO is unavailable to translate to your desired language.
- Respond immediately after ECHO

1. Click on "*I am ready. Let's go!*" when ready with the desired language and sentence
2. Respond as per the voice and text-based requests of ECHO
3. To translate again, click on "*I am ready. Let's go!*" again

ECHO

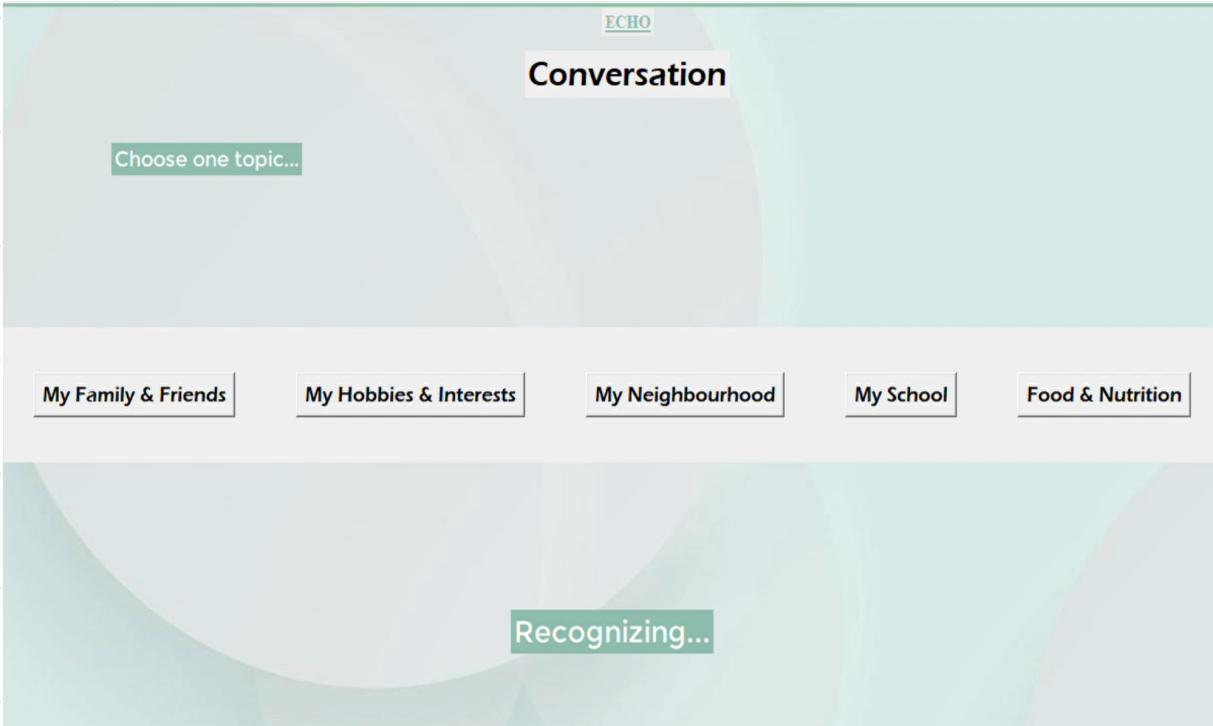
Empowering Conversational Hub & Outreach

How do you want to practice today?

TRANSLATION

CONVERSATION

How do I Use it?



1. Click on any of the **5 topics** you wish to converse about
2. Respond to the voice and text-based questions by ECHO
3. For another question, click on any topic again

Note:

- ECHO may be slow
- Respond immediately after ECHO
- ECHO may lack accuracy at times, please cut it some slack.

ECHO

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How do you want to practice today?

TRANSLATION

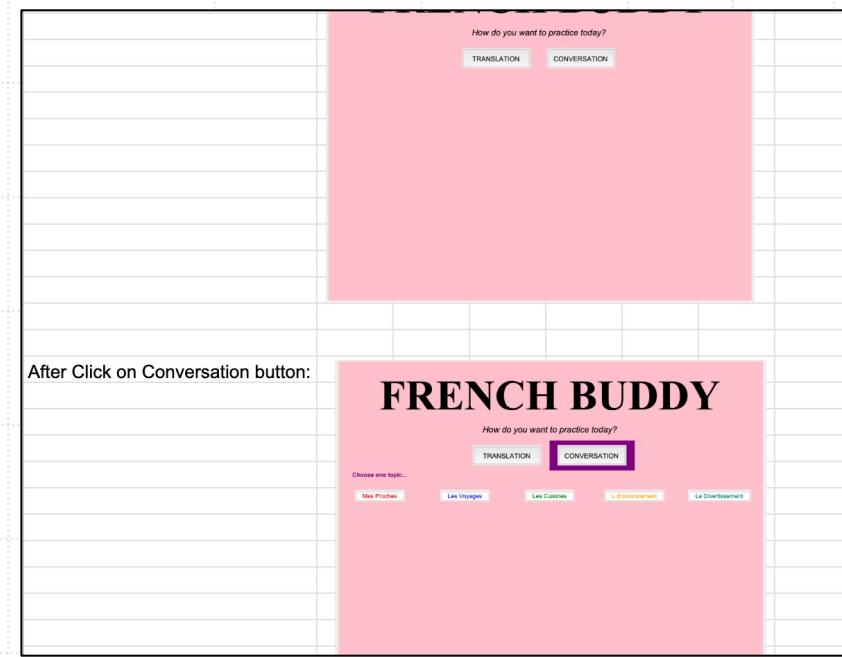
CONVERSATION

APP DEVELOPMENT

TOOLKIT

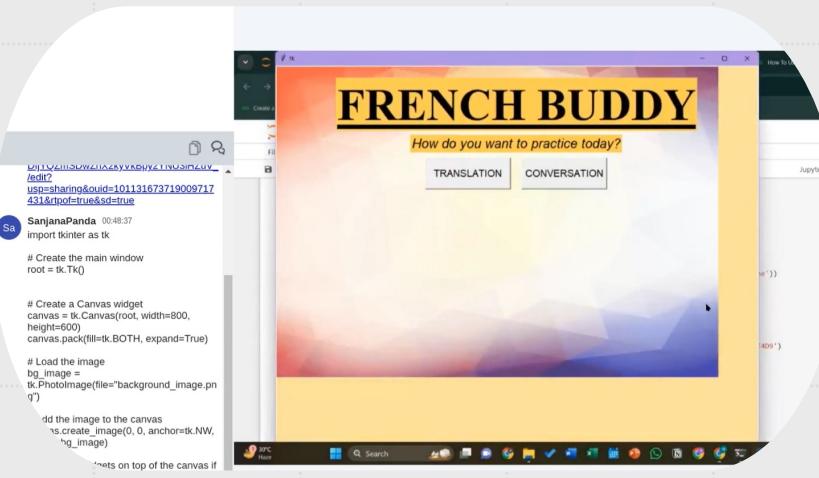
A	B	C
Project Requirements		
S. No.	Requirement/ Feature	Completed
1	Translator Input Speech Convert to text Input Desired Language to be translated to Translate text to Desired Language Convert translated Text to Speech Print text & Output Audio	
2	Converser Input Topic (choosing a button) Search Database for topic-specific questions Print question Output say(question) Input unknown words Translate word, print meaning Store new word and meaning in Vocab List Input Speech Answer Check Grammar Add 10 points if correct Ask and Input whether the user wants to continue Repeat if continue Else, print vocab list	

Test Plan							
S. No.	Element	Action	What happens?	Tested	Results	Pass/Fail	Corrected
A)1	Translation Button	Click	Rectangle around Translation Conversation button Disappears Speech-based Button and Text-based Button appear	Yes	New page with only translation heading and 'I am ready let's go' button	Changed - Pass	
2	Speech-based Button	Click	Rectangle around Speech-based Text-based button Disappears Buddy asks, 'To which language would you like to translate?' Label 'To which language would you like to translate?' Only voice no label	Yes Yes Yes	New page (Changed idea) Disappears Voice output	Pass Pass pass	

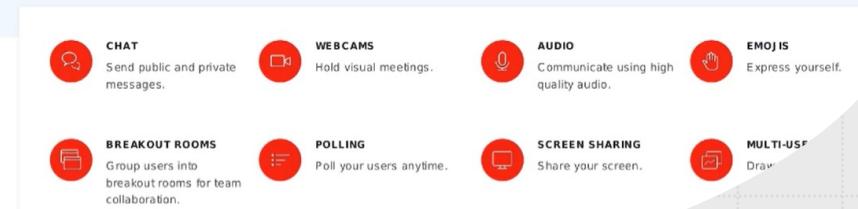


Being with Clevered...

Amazing, learning practical insights on AI
Exciting making my own Project



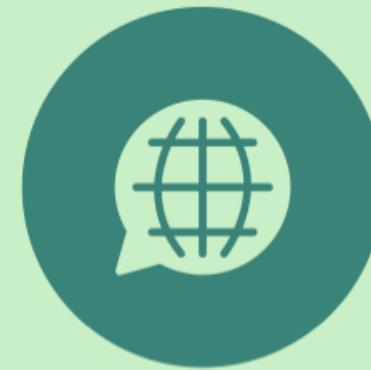
Welcome To The Virtual Classroom





A Vote of Thanks

- Big thanks to **Ms. Sanjana** for helping me through the problems with her expertise and patience
- Thanking **my mother** for giving me constant creative suggestions, pushing me to my full potential



ECHO

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Thank you!